HON 0 1 5000 A

PTO/SB/08A (10/01) (modified) U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Substitute for form 1449A/PTO **Application Number** 10/601,023 June 20, 2003 **Filing Date** INFORMATION DISCLOSURE Richard E. Perego, et al. **First Named Inventor** STATEMENT BY APPLICANT 2182 **Art Unit** (use as many sheets as necessary) Unassigned **Examiner Name** 57941.000055 **Attorney Docket Number** Sheet 1 of 1 **U.S. PATENT DOCUMENTS** Pages, Columns, Lines, **DOCUMENT NUMBER** Cite Name of Patentee or Where Relevant Passages or **Publication Date** Applicant of Cited Document Relevant Figures Appear MM-DD-YYYY Number - Kind Code (if known) 20030105919 06-05-2003 Olds et al. US-HBP 11-26-2002 **Dowling** нвр US-6487654 HRP US-6128672 10-03-2000 Lindsley 09-05-2000 Douskey et al. US-6115763 HBP US-US-US-US-US-US-FOREIGN PATENT DOCUMENTS FOREIGN PATENT DOCUMENT TRANSLATION Pages, Columns, Lines, Number - Kind Code Country **Publication Date** Cite Name of Patentee or Where Relevant Passages *Examine Code: (if known) Initial No. Applicant of Cited Document or Relevant Figures Appear MM-DD-YYYY YES NO П NON-PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue Cite No. number(s), publisher, city and/or country where published International Search Report dated September 29, 2003 for Application No. PCT/US03/19802 HBP

citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through

DATE CONSIDERED

11/30/05

EXAMINER SIGNATURE

H.B. Patel

PTO/SB/08a (05-03)

Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE on collection of information unless it contains a valid OMB control number. the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of info

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known Application Number Filing Date 06-20-2003 First Named Inventor Richard E. Perego, et al. Art Unit Examiner Name Unknown

(Use as many sheets as necessary) Attorney Docket Number Sheet 2 1726.7226602

| | | | U. S. PAT | TENT D | | | | | | |
|---------------------------------------|--------------|--|--|--|--------------|--|-------------|---|---|----------|
| Examiner Initials* | Cite No. | Document Number Number-Kind Code ^{2 (f Aroun)} | Publication Date MM-DD-YYYY | | N: Applic | Name of Patentee or Applicant of Cited Document | | | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | |
| | | US- | | | | | | | | |
| | | US- | | | <u> </u> | | | | | |
| | - | US- | | | | | | | | |
| | | US- | ļ | | | | | | | |
| | | US- | | | | * | | | | |
| | | US- | | | l | | | | | |
| | | US- | | | | | | | | |
| | | US- | | | | ··— | | | | |
| | | US- | | | | | | | | |
| · · · · · · · · · · · · · · · · · · · | | US∙ | | | | | | | | |
| | | US• | | | | | | | | |
| | | US- | | | | | | | | |
| | | US- | | | | | | | | |
| | | US- | | | | | | | | |
| | | US- | | | | | | | | |
| | | US- | | | | | | | | |
| | | US- | | | | | | | | |
| | | US- | | | | | | | | |
| | | | FOREIGN P | ATENT | DOCL | IMENTS | | | | |
| Examiner | Cite | Foreign Patent Docum | | Publicati | | | Patentee or | | Pages, Columns, Lines, | |
| Initials* | Cite No.1 | Country Code ³ Number ⁴ Kind Code ⁵ (if it | | MM-OD- | YYYY | Applicant of C | | | Where Relevant Passages or Relevant Figures Appear | T⁵ |
| | | | alowity . | | | | | | or Kelevant Figures Appear | H |
| | | • 1 0,144 • 188 \$ >>1 104 1 14 200 > 1 104 20 20 0 1 4 20 20 20 20 20 20 20 20 20 20 20 20 20 | 04 9 0 6 6 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 | | | ****************** | · | | ************************************ | ┝ |
| | | *************************************** | ************ | | ************ | | ********** | | | ⊢ |
| | | *************************************** | *************************************** | ······································ | | ···· | | | ······ | |
| ····· | | ······································ | *************************************** | , set e1 | | , | | | ······ | L |
| | | | | | | L | | | | L |
| Examiner | T | 11 0 C + 0 | | | | | Date | _ | 11/5 | |

11/30/05 Signature Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.usplo.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08b(05-03)

Approved for use through 04/30/2003. OMB 0551-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
er the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

hute for form 1449B/PTO

Sheet

ATEM 6

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

2

2

| Complete if Known | | | | | | |
|------------------------|---------------------------|--|--|--|--|--|
| Application Number | | | | | | |
| Filing Date | 06-20-2003 | | | | | |
| First Named Inventor | Richard E. Perego, et al. | | | | | |
| Art Unit | | | | | | |
| Examiner Name | Unknown | | | | | |
| Attorney Docket Number | 1726.7226602 | | | | | |

| NON PATENT LITERATURE DOCUMENTS | | | | | | | |
|---|---------------------------------------|---|--------|--|--|--|--|
| Examiner Initials* | Cite No.1 | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T² | | | | |
| НВР | | FREDERICK A. WARE; 16/18MBIT (2Mx8/9) & 64/72MBIT (8Mx8/9) CONCURRENT RDRAM; Data Sheet, Advance Information; July 1996; Pages 1-61; Rambus Inc., Mountain View, CA; USA | | | | | |
| Mer a d d an had de Stêt van bag inte | | | | | | | |
| Page 100 100 000 00 00 00 00 000 000 000 00 | · · · · · · · · · · · · · · · · · · · | | | | | | |
| ************************* | | | } } | | | | |
| ***************************** | | | ļ | | | | |
| ······································ | | | | | | | |
| | | | | | | | |
| | | | | | | | |

| Examiner | | 4 | Date | 11/0.1 |
|-----------|------------|---|------------|----------|
| Signature | H.B. Patel | | Considered | 11/30/05 |

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of Information unless it contains a valid OMB control number.

| Substit | ute for form 1449B/PTO | | | Complete if Known | | | | | |
|---------|------------------------|--------------|------|-----------------------|--------------------------|--|--|--|--|
| | | | | Application Number | | | | | |
| IN | FORMATION D | ISCLO | SURE | Filing Date | | | | | |
| ST | ATEMENT BY | APPLI | CANT | First Named Inventor | Richard E. Perego et al. | | | | |
| | | | | Art Unit | | | | | |
| | (Use as many sheets a | s necessary |) | Examiner Name | | | | | |
| Shee | 1 1 | of | 1 | Attomey Docket Number | 1726.7226602 | | | | |

| | NON PATENT LITERATURE DOCUMENTS | | | | | | | |
|---------------------------------|---------------------------------|---|--|--|--|--|--|--|
| Examiner Initials* Cite | | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | | | | | | |
| НвР | | SAMSUNG ELECTRONICS, "512Mb M-die DDR-II SDRAM Specification Version 0.11," Apr. 2002, pp. 1-66, Rev. 0.11 | | | | | | |
| | | | | | | | | |
| ****************************** | | | | | | | | |
| | | | | | | | | |
| ******************************* | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

| | | T | |
|-----------------------|--|--------------------|----------|
| Examiner Signature | | Date Considered | 11/30/05 |

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not

considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

| FORM PTO-1449 (REV. 7-80) | | U.S. DEPARTMENT PATENT AND TRAD | | ATTY. DOCKET NO.: 57941.000055 | | | SERIAL NUMBER: 10/601,023 | | |
|------------------------------|--|---|---------------------|--------------------------------|--------------|--|--|--|-------------|
| Lif | ST OF N | MATERIALS CITED BY AF | | | | ichard E. I | PEREGO et al. | | HER |
| | | Use several sheets if necessar Page 1 of 1 | | FILING DA June 20, 20 | ATE: | | GROUP AR | | Γ: |
| | | | U.S. PATENT D | 1 | | | | | |
| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAM | 1E | CLASS | SUBCLASS | FILIN | |
| HBP | 1. | 5742798 | 04-21-1998 | Goldr | rian | | † | DATE | |
| | | | | | | | | | |
| | | | | - | | ـ | | <u> </u> | |
| | | | | + | | | + | | |
| | | | | + | | | + | | |
| | | | | † | | | | | |
| | | | | | | | | | - |
| | | | | | | | | | |
| | | | | | | <u> </u> | | <u> </u> | |
| | | | | + | | | | - | |
| | | | | + | | | + | | |
| | | | | + | | | + | - | |
| | | | | <u> </u> | | | | | |
| | | FO DOCUMENT NUMBER | DREIGN PATENT | | | | | | |
| | ! | DOCUMENT NUMBER | DATE | COUNTRY | | ASS AND JBCLASS | | NSLATIO ROVIDED | |
| | 2. | | | | | | Yes | | No |
| HBP | Z. | 2000-35831 | 02/2000 | JP | | | X (Abstrac | ;t) | |
| | | | | | | | | | |
| | | | | | | | | + | |
| | | OTHER MAT | ERIALS (Including A | Author, Title, | Date, Per | rtinent Par | ges. Etc.) | L_ | |
| | | | | | - | | | | |
| | 1 | | | | | | | | |

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

11/30/05

H.B. Patel

EXAMINER